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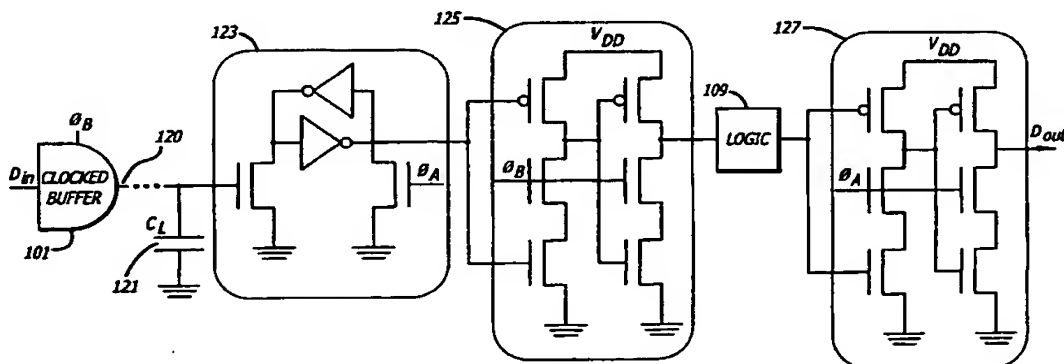
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- (71) Applicant (*for all designated States except US*): UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; Office of Patent and Copyright Administration, 3716 South Hope Street, Los Angeles, CA 90007-4344 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): ATHAS, William, C. [US/US]; 437 Camino de las Colinas, Redondo Beach, CA 90277 (US). TZARTZANIS, Nestor [US/US]; University of Southern California, 4676 Admiralty Way, Suite 1001, Marina Del Rey, CA 90292 (US). PETERSON, Lena [SE/SE]; Sten Stureg. 36 7 Tr., S-412 52 Gothenburg (SE). MAO, Weihua [US/US]; 2302 Routh Drive, Rowland Heights, CA 91748 (US).
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(54) Title: HIGH-PERFORMANCE CLOCK-POWERED LOGIC



(57) Abstract: High performance clock-powered logic runs at below supply levels and reduces the need for faster digital logic circuitry. In a preferred embodiment, a clocked buffer (101) is used to drive the signal line. The receiving end of the line is connected to a jam latch (123), preferably followed by an n-latch (125), followed by the digital logic (109), and followed by a second n-latch (127). The first n-latch is eliminated in an alternative embodiment, preferably one that uses complementary data signals.

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